



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appl. No. : 10/820,144  
Applicant : Esther H. Chang  
Filed : April 8, 2004  
TC/A.U. : 1632  
Examiner :

Docket No. : 2444-116  
Customer No. : 06449  
Confirmation No. : 6653

Mail Stop: Missing Parts  
Director of the United States Patent  
and Trademark Office  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

RESPONSE TO NOTICE TO FILE MISSING PARTS

In response to the Notice to File Missing Parts mailed June 21, 2004, the items checked below are attached in the order listed:

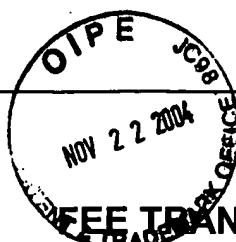
<input checked="" type="checkbox"/>	Fee transmittal itemizing payment of the fees enumerated thereon. If any additional payment is required, please charge such to Deposit Account No. 02-2135. An extra copy of the fee transmittal form is also attached for that purpose.
<input checked="" type="checkbox"/>	A response copy of the Notice to File Missing Parts
	A declaration/power of attorney executed by the inventor(s)
<input checked="" type="checkbox"/>	A preliminary amendment
	A substitute specification
	Formal drawings comprised of ____ sheets
	An English translation of the non-English specification originally filed
	A sequence list in paper
	A sequence list in computer-readable form
	A statement verifying the contents of the sequence list
<input checked="" type="checkbox"/>	An information disclosure statement and form 1449.
	Certified copy(ies) of the priority document(s)

Serial No. 10/820,144  
Response to Notice to File Missing Parts Dated June 21, 2004  
Page 2

	Other:
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Remarks:

<input checked="" type="checkbox"/> Customer Number or Bar Code Label 6449					
Name	Barbara G. Ernst, Reg. No. 30,377				
Signature	Barbara G. Ernst		Date	November 22, 2004	
Address	Rothwell, Figg, Ernst & Manbeck Suite 800, 1425 K Street, N.W.				
City	Washington	State	D.C.	Zip Code	20005
Country	U.S.A.	Telephone	202-783-6040	Fax	202-783-6031



**FEES TRANSMITTAL  
for FY 2005  
(Small Entity)**

		Complete if Known	
		Application Number	10/820,144
		Filing Date	April 8, 2004
		First Named Inventor	Esther H. Chang
		Examiner Name	
		Group Art Unit	1632
Total Amount of Payment	(\$ 1,625.00)	Attorney Docket Number	2444-116

**METHOD OF PAYMENT (check one)**

1.  The Commissioner is hereby authorized to charge the required fees to Deposit Account Number 02-2135 in the name of Rothwell, Figg, Ernst & Manbeck
2.  Charge any Additional Fee Required Under 37 CFR 1.16 and 1.17
- Applicant claims small entity status.
2.  Payment Enclosed:
  - Check
  - Credit Card

**FEES CALCULATION**

**1. FILING FEE**

Fee	Fee	Fee Description	Fee Paid
Code	\$		
2001	395	Utility filing fee	[ 395.00 ]
2002	175	Design Filing Fee	[ ]
2003	275	Plant Filing Fee	[ ]
2004	395	Reissue Filing Fee	[ ]
2005	80	Provisional Filing Fee	[ ]

**SUBTOTAL** \$ 395.00

**2. CLAIMS**

Total Claims	[ 49 ]	- 20**	= [ 29 ]	x	Fee	Fee Paid
Independent Claims	[ 9 ]	- 3**	= [ 6 ]	x	44 =	[ 264 ]
Multiple Dependent Claims				+	150 =	[ 150 ]

\*\*or number previously paid, if greater;

**SUBTOTAL** \$ 675.00

11/23/2004 HTECKLU1 00000133 022135 10820144

05 FC:2253 490.00 DA

**FEES CALCULATION (continued)**

**3. ADDITIONAL FEES**

Fee	Fee	Fee Description	Fee Paid
Code	Paid		
2051	65	Surcharge - late filing fee or oath	[ 65.00 ]
2052	25	Surcharge - late provisional filing fee or cover sheet	[ ]
1053	130	Non-English specification	[ ]
1812	2,520	For filing a request for reexamination	[ ]
1804	920	Requesting publication of SIR prior to Examiner action	[ ]
1805	1,840*	Requesting publication of SIR after Examiner action	[ ]
2251	55	Extension for reply within first month	[ ]
2252	215	Extension for reply within second month	[ ]
2253	490	Extension for reply within third month	[ 490.00 ]
2254	765	Extension for reply within fourth month	[ ]
2255	1,040	Extension for reply within fifth month	[ ]
2401	150	Notice of Appeal	[ ]
2402	170	Filing a brief in support of an appeal	[ ]
2403	170	Request for Oral Hearing	[ ]
1451	1,510	Petition to institute a public use proceeding	[ ]
2452	55	Petition to revive -unavoidable	[ ]
2453	685	Petition to revive - unintentional	[ ]
2501	685	Utility issue fee (or reissue)	[ ]
2502	245	Design issue fee	[ ]
2503	330	Plant issue fee	[ ]
1460	130	Petitions to the Commissioner	[ ]
1807	50	Processing fee under 37 CFR 1.17(q)	[ ]
1806	180	Submission of Information Disclosure Statement	[ ]
8021	40	Recording each patent assignment per property (times number of properties)	[ ]
2809	395	Filing a submission after final rejection (37 CFR 1.129(a))	[ ]
2810	395	For each additional invention to be examined (37 CFR 1.129(b))	[ ]
2801	395	Request for Continued Examination (RCE)	[ ]
1802	900	Request for expedited examination of a design application	[ ]
1504	300	Publication fee for early, voluntary, or normal publication	[ ]
1505	300	Publication fee for republication	[ ]
1455	200	Filing an application for patent term adjustment	[ ]
1456	400	Request for reinstatement of term reduced	[ ]
		Other fee (specify)	[ ]

\* Reduced by Basic Filing Fee Paid

**SUBTOTAL**

\$ 555.00

SUBMITTED BY		Complete (if applicable)		
NAME AND REG. NUMBER	Barbara G. Ernst, Reg. No. 30,377			
SIGNATURE	Barbara G. Ernst	DATE	Nov. 22, 2004	DEPOSIT ACCOUNT USER ID



O I P E  
NOV 22 2004  
JCB  
UNITED STATES PATENT AND TRADEMARK OFFICE

IFW  
A

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/820,144	04/08/2004	Esther H. Chang	2444-116

### CONFIRMATION NO. 6653

6449  
ROTHWELL, FIGG, ERNST & MANBECK, P.C.  
1425 K STREET, N.W.  
SUITE 800  
WASHINGTON, DC 20005

### FORMALITIES LETTER



\*OC000000013004321\*

Adjustment date: 12/02/2004 HTECKLU1  
11/23/2004 HTECKLU1 00000133 022135 10820144  
03-FC:2202 54.00-ER

Date Mailed: 06/21/2004

### NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

11/23/2004 HTECKLU1 00000133 022135 10820144  
01 FC:2001 395.00 DA  
02 FC:2202 261.00 DA  
03 FC:2202 54.00 DA  
04 FC:2051 65.00 DA

FILED UNDER 37 CFR 1.53(b)

*Filing Date Granted*

#### Items Required To Avoid Abandonment:

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 385 to complete the basic filing fee for a small entity.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

The applicant needs to satisfy supplemental fees problems indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Additional claim fees of **\$162** as a small entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.

#### SUMMARY OF FEES DUE:

Total additional fee(s) required for this application is **\$612** for a Small Entity

- **\$385** Statutory basic filing fee.
- **\$65** Late oath or declaration Surcharge.
- Total additional claim fee(s) for this application is **\$162**

12/02/2004 HTECKLU1 00000088 022135 10820144

01 FC:2201 264.00 DA  
02 FC:2203 150.00 DA

■ \$162 for 18 total claims over 20.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

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*A copy of this notice **MUST** be returned with the reply.*

*B. To*

Customer Service Center  
Initial Patent Examination Division (703) 308-1202  
PART 2 - COPY TO BE RETURNED WITH RESPONSE